

## REMARKS

In accordance with the foregoing, claims 1, 4, 22, 23, and 25 are amended. Accordingly, claims 1-30 are pending and under consideration.

### Rejection of Claims 4 and 5 Under 35 U.S.C. §112, second paragraph

The Office Action rejects claims 4 and 5 under 35 U.S.C. §112, second paragraph, as being indefinite for failing to comply with the antecedent basis requirement. Claim 4 is amended to overcome this rejection. The rejection of claim 5 is respectfully traversed, because antecedent support for the subject matter "the USB connector" and "the USB external connection terminal" is found in claim 2 from which claim 5 depends.

Accordingly, withdrawal of this rejection is respectfully requested.

### Rejection of Claims 1-10, 13-21, and 25-30 Under 35 U.S.C. §103(a)

The Office Action rejects claims 1-10, 13-21, and 25-30 under 35 U.S.C. §103(a) as being unpatentable over U.S. Patent No. 6,804,300 issued to Hoshino et al. (hereinafter referred to as "Hoshino") in view of U.S. Patent Application Publication No. 2002/0057893 to Wood et al. (hereinafter referred to as "Wood"). This rejection is respectfully traversed.

Hoshino and Wood, taken separately or in combination, do not disclose, teach, or suggest at least, "A TV signal receiving module, the TV signal receiving module comprising: a tuner, receiving an analog signal and separating the analog signal into a video signal and an audio signal, and receiving a digital signal and converting the digital signal into a first data stream," as recited in claim 1.

For example, a TV receiving module can receive both an NTSC signal as an analog TV signal and an ASTC signal as a digital TV signal. The tuner can process both an analog TV signal and a digital TV signal. The tuner can receive an analog TV signal and separate the received analog TV signal into a video signal and an audio signal. The tuner can also receive a digital TV signal and covert the received digital TV signal into a first data stream.

Hoshino is directed toward a configuration to receive, compress and store a TV signal through a PC card installed in a PCMCIA slot of a personal computer (Abstract of Hoshino). Hoshino does not disclose a tuner that can receive both the analog TV signal and the digital TV signal.

Wood is directed toward a configuration to receive a video data, convert it into a digital signal format compatible with an MPEG, and store it. Wood does not disclose a tuner that can

receive both the analog TV signal and digital TV signal. Therefore, for at least these reasons, claim 1 is patentably distinguishable from the cited references.

Claims 3-10 and 13-21 depend from claim 1 and include all of the features of claim 1. Therefore, for at least these reasons, claims 3-10 and 13-21 are also patentably distinguishable from the cited references.

Similarly, Hoshino and Wood, taken separately or in combination, do not disclose, teach, or suggest at least, "An operating method of a TV signal receiving module connected to a portable computer through a USB (universal serial bus) port, the operating method comprising: receiving an analog and a digital signal," as recited in claim 25. Therefore, for at least these reasons, claim 25 is patentably distinguishable from the cited references.

Claims 26 and 27 depend from claim 25 and include all of the features of claim 25. Therefore, for at least these reasons, claims 26 and 27 are also patentably distinguishable from the cited references.

Similarly, Hoshino and Wood, taken separately or in combination, do not disclose, teach, or suggest at least, "a tuner to receive an analog TV signal and a digital TV signal," as recited in claim 28. Therefore, for at least these reasons, claim 28 is patentably distinguishable from the cited references.

Claims 29 and 30 depend from claim 28 and include all of the features of claim 28. Therefore, for at least these reasons, claims 29 and 30 are also patentably distinguishable from the cited references.

Accordingly, withdrawal of this rejection is respectfully requested.

Rejection of Claims 11-12 and 22-24 Under 35 U.S.C. §103(a)

The Office Action rejects claims 11-12 and 22-24 under 35 U.S.C. §103(a) as being unpatentable over Hoshino in view of Wood and further in view of U.S. Patent No. 5,085,045 issued to Ma. This rejection is respectfully traversed.

Hoshino, Wood, and Ma, taken separately or in combination, do not disclose, teach, or suggest at least, "A TV signal receiving module, the TV signal receiving module comprising: a tuner, receiving an analog signal and separating the analog signal into a video signal and an audio signal, and receiving a digital signal and converting the digital signal into a first data stream," as recited in claim 1.

Ma does not cure the deficiencies of Hoshino and Wood. Instead, Ma is directed toward an extension slot selectively connectable to a computer main body. Ma does not relevant to the reception and transmission of a TV signal. Therefore, for at least these reasons, claim 1 is patentably distinguishable from the cited references.

Claims 11 and 12 depend from claim 1 and include all of the features of claim 1. Therefore, for at least these reasons, claim 1 is patentably distinguishable from the cited references.

Hoshino, Wood, and Ma, taken separately or in combination, do not disclose, teach, or suggest at least, "a tuner receiving an analog TV signal and a digital TV signal," as recited in claim 22.

Claims 23 and 24 depend from claim 22 and include all of the features of claim 22. Therefore, for at least these reasons, claims 23 and 24 are patentably distinguishable from the cited references.

Accordingly, withdrawal of this rejection is respectfully requested.

#### Summary

Claims 1-30 are pending and under consideration. It is respectfully submitted that none of the references taken alone or in combination disclose the present claimed invention.

There being no further outstanding objections or rejections, it is submitted that the application is in condition for allowance. An early action to that effect is courteously solicited.

Finally, if there are any formal matters remaining after this response, the Examiner is requested to telephone the undersigned to attend to these matters.


Serial No. 10/820,881

If there are any additional fees associated with filing of this Amendment, please charge the same to our Deposit Account No. 19-3935.

Respectfully submitted,

STAAS & HALSEY LLP

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By:   
Paul F. Daebeler  
Registration No. 35,852

1201 New York Avenue, N.W., 7th Floor  
Washington, D.C. 20005  
Telephone: (202) 434-1500  
Facsimile: (202) 434-1501